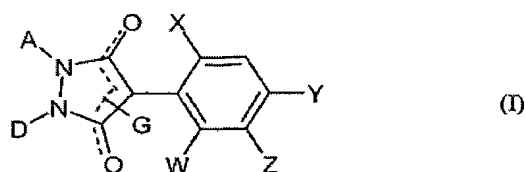


Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) Compounds of the formula (I)



in which

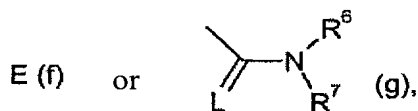
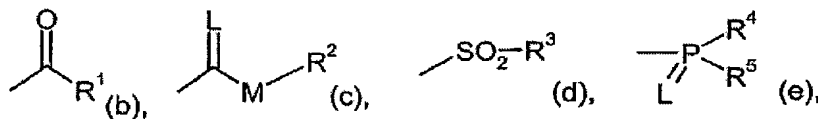
X is halogen, alkyl, alkoxy, alkenyloxy, alkylthio, alkylsulphinyl, alkylsulphonyl, haloalkyl, haloalkoxy, haloalkenyloxy, nitro, or cyano[.,,];

Z is in each case optionally substituted aryl or hetaryl;

W and Y independently of one another are hydrogen, halogen, alkyl, alkoxy, alkenyloxy, haloalkyl, haloalkoxy, haloalkenyloxy, nitro or cyano;

A and D together with the atoms to which they are attached are a saturated or unsaturated 6- or 7-membered ring which optionally contains at least one further heteroatom and which is unsubstituted or substituted in the A,D moiety or represent an optionally substituted 5-membered ring;

G is hydrogen (a) or is selected from the group consisting of:



in which

E is a metal ion or an ammonium;

L is oxygen or sulphur;

M is oxygen or sulphur;

R¹ optionally halogen-substituted alkyl, alkenyl, alkoxyalkyl, alkylthioalkyl, polyalkoxyalkyl or optionally halogen-, alkyl- or alkoxy-substituted cycloalkyl which may be interrupted by at least one heteroatom, is optionally substituted phenyl, phenylalkyl, hetaryl, phenoxyalkyl or hetaryloxyalkyl;

R² is optionally halogen-substituted alkyl, alkenyl is optionally substituted cycloalkyl, phenyl or benzyl;

R³, R⁴ and R⁵ independently of one another are optionally halogen-substituted alkyl, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio, cycloalkylthio or is substituted phenyl, benzyl, phenoxy or phenylthio; and

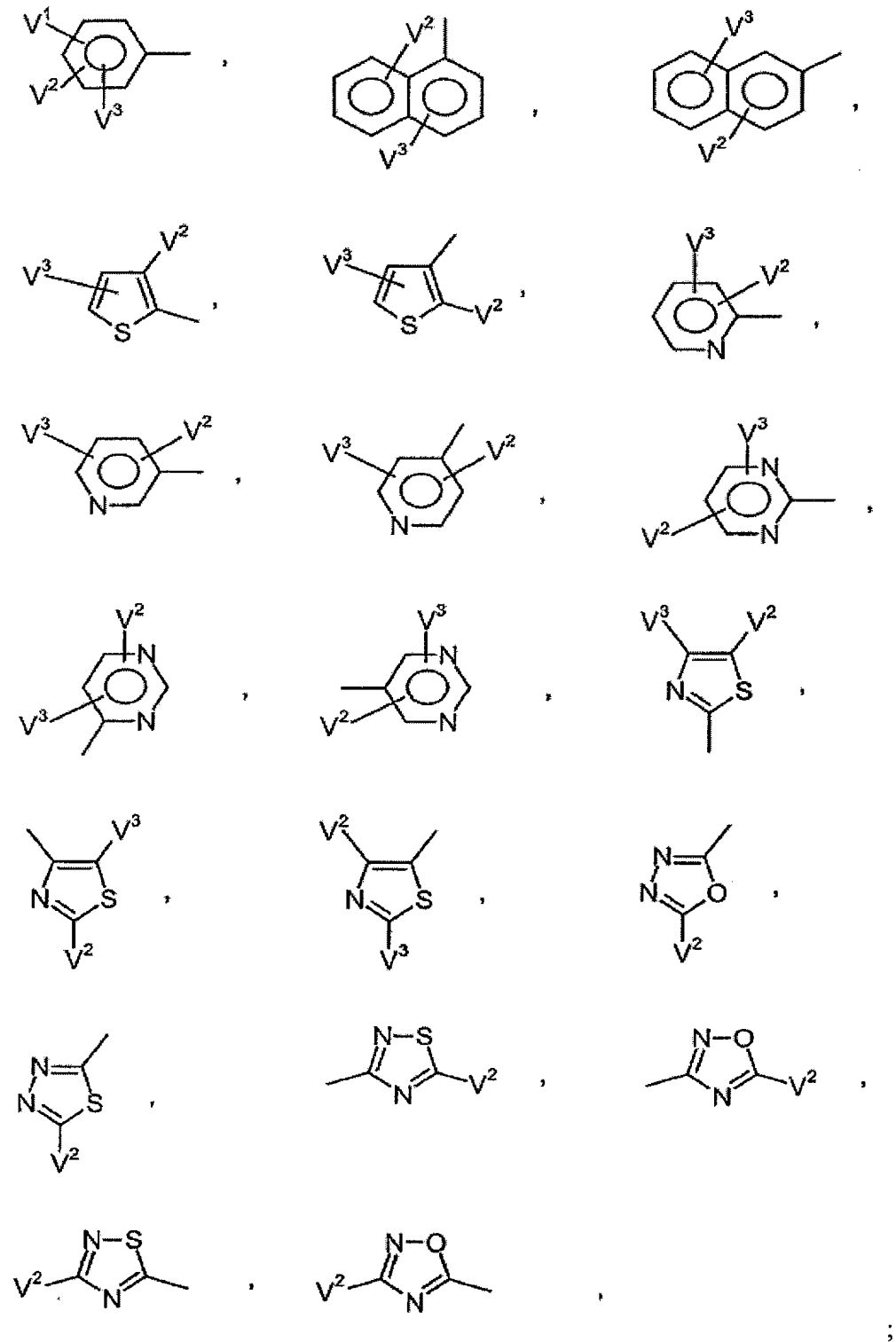
R⁶ and R⁷ independently are hydrogen, optionally halogen-substituted alkyl, cycloalkyl, alkenyl, alkoxy, alkoxyalkyl, optionally substituted phenyl, is optionally substituted benzyl or together with the N atom to which they are attached are a ring which is optionally interrupted by oxygen or sulphur.

2. (Previously Presented) Compounds of the formula (I) according to Claim 1 in which

X is halogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₃-C₆-alkenyloxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₆-haloalkoxy, C₃-C₆-haloalkenyloxy, nitro or cyano;

W and Y independently are hydrogen, halogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, nitro or cyano;

Z is one of the radicals selected from the group consisting of:



V¹ is halogen, C₁-C₁₂-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, nitro, cyano or represents phenyl, phenoxy, phenoxy-C₁-C₄-alkyl, phenyl-C₁-C₄--alkoxy, phenylthio-C₁-C₄--alkyl or phenyl- C₁-C₄-alkylthio, each of which is optionally mono- or polysubstituted by halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, nitro or cyano;

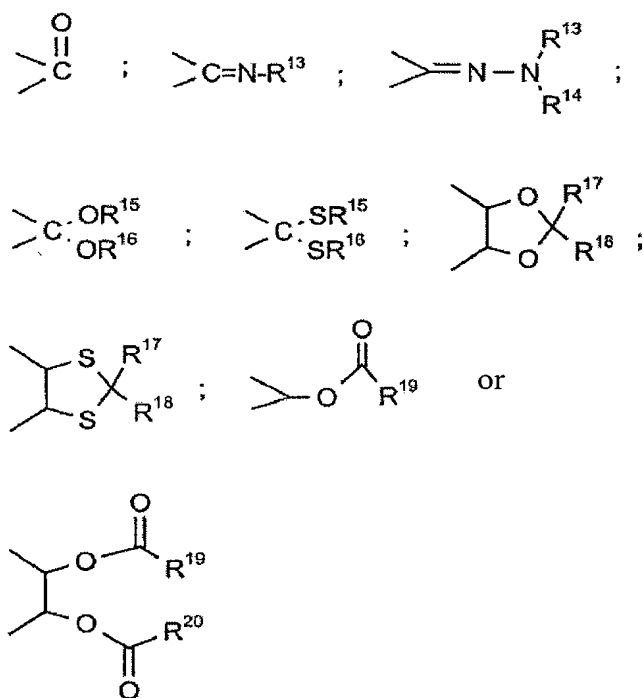
V² and V³ independently are hydrogen, halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₄-haloalkyl or C₁-C₄-haloalkoxy;

A and D together are optionally substituted C₄-C₆-alkanediyl or C₄-C₆-alkenediyl in which optionally one methylene group may be replaced by oxygen or sulphur,

wherein possible substituents are:

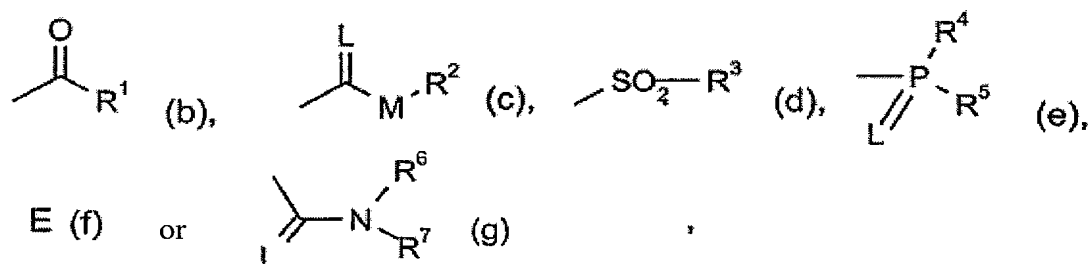
halogen, hydroxyl, mercapto or optionally halogen-substituted C₁-C₁₀-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₃-C₇-cycloalkyl, phenyl, benzyloxy or a further C₁-C₆-alkanediyl grouping,

or which optionally contains one of the following groups



or is C₃-alkanediyl which is optionally mono- to trisubstituted by halogen, C₁-C₆-alkyl, C₁-C₄-haloalkyl or C₁-C₆-alkoxy;

G is hydrogen (a) or selected from the group consisting of:



in which

E is a metal ion or an ammonium ion;

L is oxygen or sulphur; and

M is oxygen or sulphur;

R¹ is optionally halogen-substituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₈-alkoxy-C₁-C₈-alkyl, C₁-C₈-alkylthio-C₁-C₈-alkyl, poly-C₁-C₈-alkoxy-C₁-C₈-alkyl or optionally halogen, C₁-C₆-alkyl or C₁-C₆-alkoxy-substituted C₃-C₈-cycloalkyl in which optionally one or more not directly adjacent ring members are replaced by oxygen and/or sulphur,

is optionally halogen-, cyano-, nitro-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-haloalkyl-, C₁-C₆-haloalkoxy-, C₁-C₆-alkylthio- or C₁-C₆-alkylsulphonylsubstituted phenyl,

is optionally halogen-, nitro-, cyano-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-haloalkyl- or C₁-C₆-haloalkoxy-substituted phenyl-C₁-C₆-alkyl,

is optionally halogen- or C₁-C₆-alkyl-substituted 5- or 6-membered hetaryl,

is optionally halogen- or C₁-C₆-alkyl-substituted phenoxy-C₁-C₆-alkyl or

is optionally halogen-, amino- or C₁-C₆-alkyl-substituted 5- or 6-membered hetaryloxy-C₁-C₆-alkyl;

R² is optionally halogen-substituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₈-alkoxy-C₂-C₈-alkyl, poly-C₁-C₈-alkoxy-C₂-C₈-alkyl,

is optionally halogen-, C₁-C₆-alkyl- or C₁-C₆-alkoxy-substituted C₃-C₈-cycloalkyl or

is optionally halogen-, cyano-, nitro-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-haloalkyl- or C₁-C₆-haloalkoxy-substituted phenyl or benzyl;

R³ is optionally halogen-substituted C-C₈-alkyl or is optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₄-haloalkyl-, C₁-C₄-haloalkoxy-, cyano- or nitro-substituted phenyl or benzyl;

R⁴ and R⁵ independently are optionally halogen-substituted C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₈-alkylamino, di-(C₁-C₈-alkyl)-amino, C₁-C₈-alkylthio, C₂-C₈-alkenylthio, C₃-C₇-cycloalkylthio or are optionally halogen-, nitro-, cyano-, C₁-C₄-alkoxy-, C₁-C₄-haloalkoxy-, C₁-C₄-alkylthio-, C₁-C₄-haloalkylthio-, C₁-C₄-alkyl- or C₁-C₄-haloalkylsubstituted phenyl, phenoxy or phenylthio;

R⁶ and R⁷ independently are hydrogen, optionally halogen-substituted C₁-C₈-alkyl, C₃-C₈-cycloalkyl, C₁-C₈-alkoxy, C₃-C₈-alkenyl, C₁-C₈-alkoxy-C₁-C₈-alkyl, optionally halogen-, C₁-C₈-haloalkyl-, C₁-C₈-alkyl- or C₁-C₈-alkoxy-substituted phenyl, optionally halogen-, C₁-C₈-alkyl-, C₁-C₈-haloalkyl- or C₁-C₈-alkoxy-substituted benzyl or together are an optionally C₁-C₄-alkyl-substituted C₃-C₆-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur;

R¹³ is hydrogen, optionally halogen-substituted C₁-C₈-alkyl or C₁-C₈-alkoxy, optionally halogen-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₃-C₈-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur, or halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₄-haloalkyl-, C₁-C₄-haloalkoxy-, nitro- or cyano-substituted phenyl, phenyl-C₁-C₄-alkyl or phenyl-C₁-C₄-alkoxy;

R¹⁴ is hydrogen or C₁-C₈-alkyl; or

R¹³ and R¹⁴ together are C₄-C₆-alkanediyl;

R¹⁵ and R¹⁶ are identical or different and are C₁-C₆-alkyl; or

R¹⁵ and R¹⁶ together are a C₂-C₄-alkanediyl radical which is optionally substituted by C₁-C₆-alkyl, C₁-C₆-haloalkyl or by optionally halogen-, C₁-C₆-alkyl-, C₁-C₄-haloalkyl-, C₁-C₆-alkoxy-, C₁-C₄-haloalkoxy-, nitro- or cyano-substituted phenyl;

R¹⁷ and R¹⁸ independently are hydrogen, optionally halogen-substituted C₁-C₈-alkyl or are optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₄-haloalkyl-, C₁-C₄-haloalkoxy-, nitro- or cyano-substituted phenyl; or

R¹⁷ and R¹⁸ together with the carbon atom to which they are attached are a carbonyl group or optionally halogen-, C₁-C₄-alkyl- or C₁-C₄-alkoxy-substituted C₅-C₇-cycloalkyl in which optionally one methylene group is replaced by oxygen or sulphur;

R¹⁹ and R²⁰ independently are C₁-C₁₀-alkyl, C₂-C₁₀-alkenyl, C₁-C₁₀-alkoxy, C₁-C₁₀-alkylamino, C₃-C₁₀-alkenylamino, di-(C₁-C₁₀-alkyl)-amino or di-(C₃-C₁₀-alkenyl)amino.

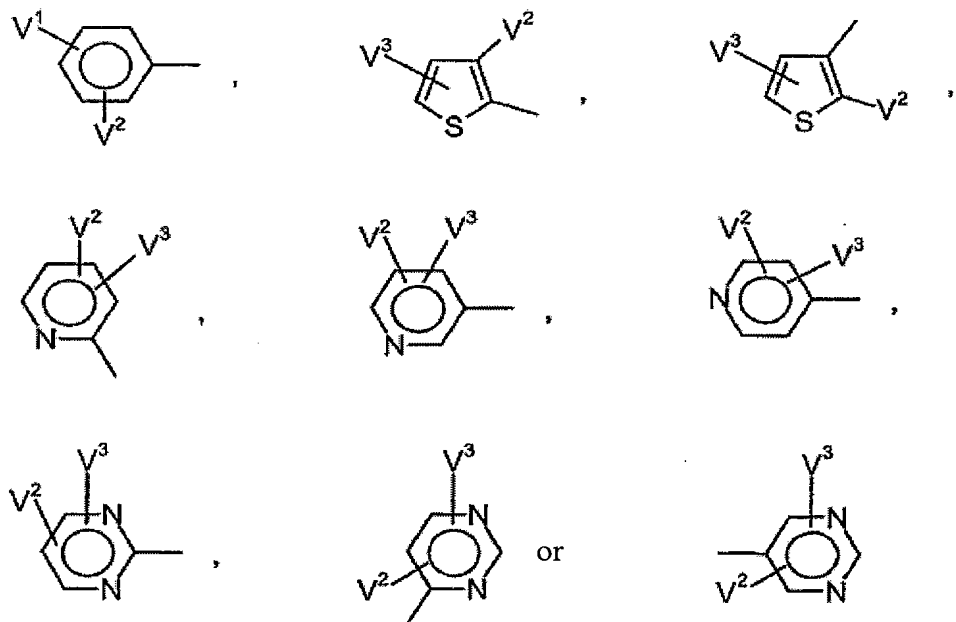
3. (Previously Presented) Compounds of the formula (I) according to Claim 1 in which

W is hydrogen, fluorine, chlorine, bromine, methyl, ethyl, methoxy or ethoxy;

X is fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₃-C₄-alkenyloxy, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₃-C₄-haloalkenyloxy, nitro or cyano;

Y is hydrogen, fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₂-haloalkyl, C₁-C₄-alkoxy or C₁-C₂-haloalkoxy;

Z is one of the radicals selected from the group consisting of:

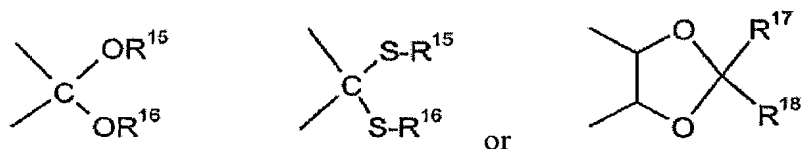


V^1 is fluorine, chlorine, bromine, C_1 - C_6 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphonyl, C_1 - C_2 -haloalkyl, C_1 - C_2 -haloalkoxy, nitro, cyan or is phenyl, phenoxy, phenoxy- C_1 - C_2 -alkyl, phenyl- C_1 - C_2 -alkoxy, phenylthio- C_1 - C_2 -alkyl or phenyl- C_1 - C_2 -alkylthio, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_2 -haloalkyl, C_1 - C_2 -haloalkoxy, nitro or cyano;

V^2 and V^3 independently are hydrogen, fluorine, chlorine, bromine, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_2 -haloalkyl or C_1 - C_2 -haloalkoxy;

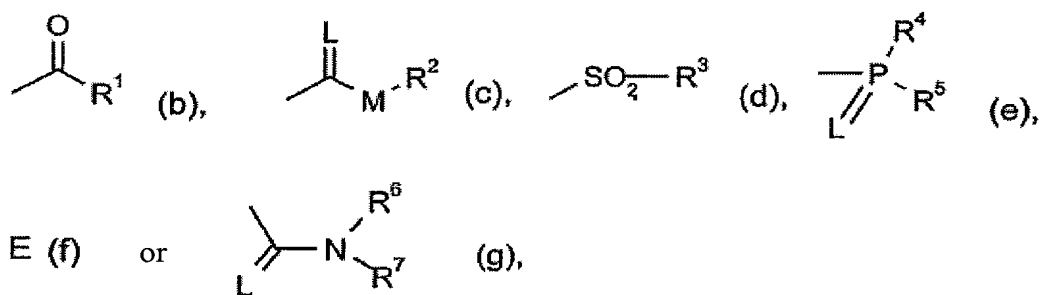
A and D together are optionally substituted C_4 - C_5 -alkanediyl in which optionally one methylene group may be replaced by a carbonyl group, oxygen or sulphur, possible substituents being hydroxyl, C_1 - C_6 -alkyl, C_1 - C_4 -alkoxy or a further C_1 - C_4 -alkanediyl grouping, or

which optionally contains one of the following groups



or are C₃-alkanediyl which is optionally mono- or disubstituted by fluorine, chlorine, trifluoromethyl, methyl, ethyl or methoxy;

G is hydrogen (a) or selected from the group consisting of:



in which

E is a metal ion or an ammonium ion;

L is oxygen or sulphur; and

M is oxygen or sulphur;

R¹ is C₁-C₈-alkyl, C₂-C₈-alkenyl, C₁-C₄-alkoxy-C₁-C₂-alkyl, C₁-C₄-alkylthio-C₁-C₂-alkyl, each of which is optionally mono- to trisubstituted by fluorine or chlorine, or is C₃-C₆-cycloalkyl which is optionally mono-or disubstituted by fluorine, chlorine, C₁-C₂-alkyl or C₁-C₂-alkoxy and in which optionally one or two not directly adjacent ring members are replaced by oxygen,

is phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, cyano, nitro, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₂-haloalkyl or C₁-C₂-haloalkoxy,

R² is C₁-C₈-alkyl, C₂-C₈-alkenyl or C₁-C₄-alkoxy-C₂-C₄-alkyl, each of which is optionally mono- to trisubstituted by fluorine,

is C₃-C₆-cycloalkyl which is optionally monosubstituted by C₁-C₂-alkyl or C₁-C₂-alkoxy, or

is phenyl or benzyl, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, cyano, nitro, C₁-C₄-alkyl, C₁-C₃-alkoxy, trifluoromethyl or trifluoromethoxy;

R³ is C₁-C₆-alkyl which is optionally mono- to trisubstituted by fluorine or is phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, trifluoromethyl, trifluoromethoxy, cyano or nitro;

R⁴ is C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylamino, di-(C₁-C₆-alkyl)amino, C₁-C₆-alkylthio, C₃-C₄-alkenylthio, C₃-C₆-cycloalkylthio, each of which is optionally mono- to trisubstituted by fluorine, or is phenyl, phenoxy or phenylthio, each of which is optionally mono- or disubstituted by fluorine, chlorine, bromine, nitro, cyano, C₁-C₃-alkoxy, C₁-C₃-haloalkoxy, C₁-C₃-alkylthio, C₁-C₃-haloalkylthio, C₁-C₃-alkyl or trifluoromethyl;

R⁵ is C₁-C₆-alkoxy or C₁-C₆-alkylthio;

R⁶ is hydrogen, C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₁-C₆-alkoxy, C₃-C₆-alkenyl, C₁-C₆-alkoxy-C₁-C₄-alkyl, each of which is optionally mono- to trisubstituted by fluorine, is phenyl which is optionally mono- or disubstituted by fluorine, chlorine, bromine, trifluoromethyl, C₁-C₄-alkyl or C₁-C₄-alkoxy, is benzyl which is optionally monosubstituted by fluorine, chlorine, bromine, C₁-C₄-alkyl, trifluoromethyl or C₁-C₄-alkoxy;

R⁷ is C₁-C₆-alkyl, C₃-C₆-alkenyl or C₁-C₆-alkoxy-C₁-C₄-alkyl;

R⁶ and R⁷ together are a C₄₋₅-alkylene radical which is optionally mono- or disubstituted by methyl or ethyl and in which optionally one methylene group is replaced by oxygen or sulphur;

R¹⁵ and R¹⁶ are identical and are C₁-C₄-alkyl;

R^{15} and R^{16} together are a C_2 - C_3 -alkanediyl radical which is optionally mono- or disubstituted by methyl, ethyl, propyl or isopropyl;

R^{17} and R^{18} independently are hydrogen, represent methyl, ethyl, propyl, isopropyl, butyl, isobutyl or tert-butyl, each of which is optionally mono-to trisubstituted by fluorine and/or chlorine;

R^{17} and R^{18} together with the carbon to which they are attached are a carbonyl group or are optionally methyl-, ethyl-, methoxy- or ethoxy-substituted C_5 - C_6 -cycloalkyl in which optionally one methylene group is replaced by oxygen.

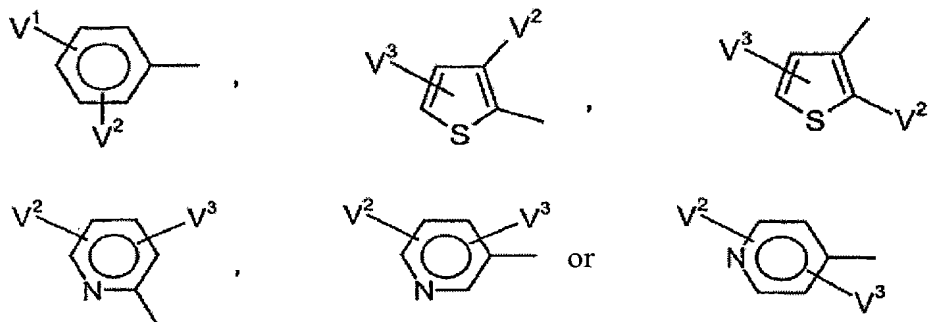
4. (Currently Amended) Compounds of the formula (I) according to Claim 1 in which

W is hydrogen, methyl, ethyl or chlorine;

X is chlorine, methyl, ethyl, propyl, methoxy, ethoxy, propoxy or trifluoromethyl;

Y is hydrogen, chlorine or methyl;

Z is one of the radicals selected from the group consisting of:

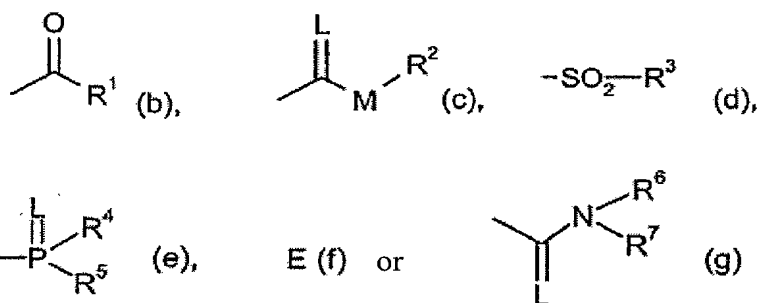


V^1 is fluorine, chlorine, bromine, methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, tert-butyl, methoxy, ethoxy, n-propoxy, isopropoxy, trifluoromethyl, trifluoromethoxy; $SO_2C_2H_5$, SCH_3 , phenoxy, nitro or cyano;

V² and V³ independently are hydrogen, fluorine, chlorine, methyl, methoxy or trifluoromethyl;

A and D together are optionally substituted C₄₋₅-alkanediyl in which ~~otionally~~optionally one methylene group is replaced by oxygen or sulphur and which is optionally substituted by hydroxyl, methyl, ethyl, methoxy, ethoxy or by a further C₁-C₄-alkanediyl grouping or represent C₃-alkanediyl which is optionally mono-or disubstituted by fluorine, methyl, trifluoromethyl or methoxy;

G is hydrogen (a) or is selected from the group consisting of:



in which

E is a metal ion equivalent or an ammonium ion;

L is oxygen or sulphur; and

M is oxygen or sulphur;

R¹ is C₁-C₆-alkyl, C₂-C₆-alkenyl, C₁-C₂-alkoxy-C₁-alkyl, C₁-C₂-alkylthio-C₁-alkyl, each of which is optionally mono- to trisubstituted by fluorine, or represents cyclopropyl or cyclohexyl, each of which is optionally monosubstituted by fluorine, chlorine, methyl or methoxy,

is phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, cyano, nitro, methyl, methoxy, trifluoromethyl or trifluoromethoxy;

R² is C₁-C₈-alkyl, C₂-C₆-alkenyl or C₁-C₄-alkoxy-C₂-C₃-alkyl, each of which is optionally monosubstituted by fluorine,

or is phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, cyano, nitro, methyl, ethyl, n-propyl, i-propyl, methoxy, ethoxy, trifluoromethyl or trifluoromethoxy;

R³ is methyl, ethyl, n-propyl, isopropyl, each of which is optionally mono- to trisubstituted by fluorine, or represents phenyl or benzyl, each of which is optionally monosubstituted by fluorine, chlorine, bromine, methyl, tert-butyl, methoxy, trifluoromethyl, trifluoromethoxy, cyano or nitro;

R⁴ is C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylamino, di-(C₁-C₄-alkyl)amino, C₁-C₄-alkylthio, each of which is optionally mono- to trisubstituted by fluorine, or is phenyl, phenoxy or phenylthio, each of which is optionally monosubstituted by fluorine, chlorine, bromine, nitro, cyano, C₁-C₂-alkoxy, C₁-C₂-fluoroalkoxy, C₁-C₂-alkylthio, C₁-C₂-fluoroalkylthio or C₁-C₃-alkyl;

R⁵ is methoxy, ethoxy, propoxy, butoxy, methylthio, ethylthio, propylthio or butylthio;

R⁶ is hydrogen, represents C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₃-C₄-alkenyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, each of which is optionally mono- to trisubstituted by fluorine, is phenyl which is optionally monosubstituted by fluorine, chlorine, bromine, trifluoromethyl, methyl or methoxy, represents benzyl which is optionally monosubstituted by fluorine, chlorine, bromine, methyl, trifluoromethyl or methoxy;

R⁷ is methyl, ethyl, propyl, isopropyl, butyl, isobutyl or allyl;

R⁶ and R⁷ are a C₄-C₅-alkylene radical in which optionally one methylene group is replaced by oxygen or sulphur.

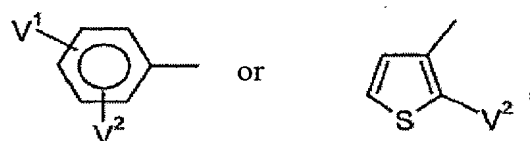
5. (Previously Presented) Compounds of the formula (I) according to Claim 1 in which

W is hydrogen or methyl;

X is chlorine or methyl;

Y is hydrogen or methyl;

Z is one of the radicals selected from the group consisting of:

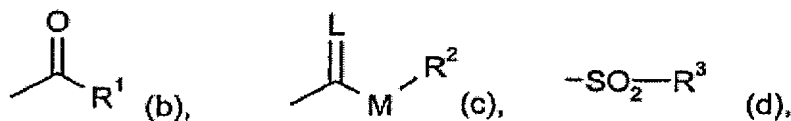


V¹ is fluorine, chlorine, methyl, isopropyl, methoxy, trifluoromethyl, trifluoromethoxy, SO₂C₂H₅, SCH₃, phenoxy or nitro;

V² is hydrogen, fluorine, chlorine or trifluoromethyl;

A and D together are optionally substituted C₄-C₅-alkanediyl in which optionally one methylene group is replaced by oxygen and which is optionally substituted by a further C₁-C₂-alkanediyl grouping, or are C₃-alkanediyl which is optionally mono- or disubstituted by fluorine, methyl or trifluoromethyl;

G is hydrogen (a) or is selected from the group consisting of:



in which

L is oxygen; and

M is oxygen;

R¹ is C₁-C₆-alkyl or cyclopropyl;

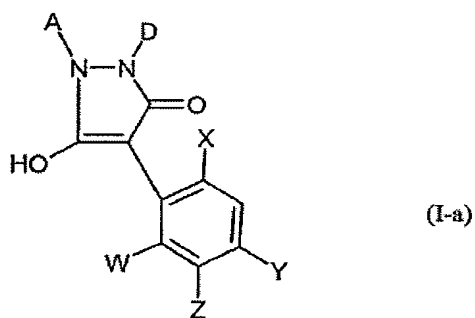
R² is C₁-C₈-alkyl or C₁-C₄-alkoxy-C₂-C₃-alkyl;

R³ is methyl, ethyl or isopropyl.

6. (Previously Presented) A process for preparing compounds of the formula

(I) according to Claim 1, characterized in that, to obtain

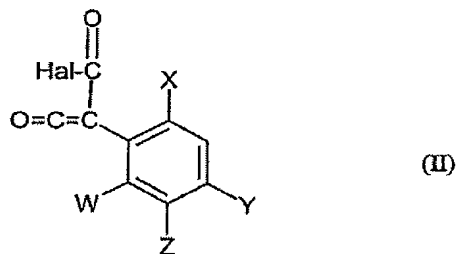
(A) compounds of the formula (I-a)



in which

A, D, W, X, Y and Z are as defined above,

(α) halochlorocarbonyl ketones of the formula (II)

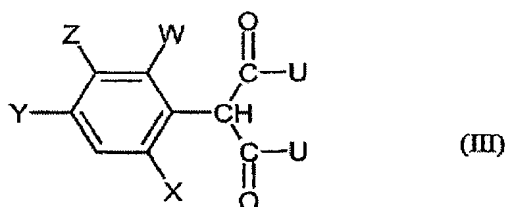


in which

W, X, Y and Z are as defined above

Hal is halogen, or

(β) malonic acid derivatives of the formula (III)



in which

W, X, Y and Z are as defined above and

U is NH₂ or C₁-C₈-alkoxy

are reacted with hydrazines of the formula (IV)

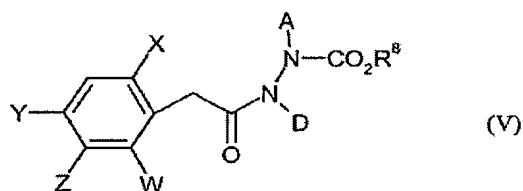
A-NH-NH-D (IV)

in which

A and D are as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of a base, or

(γ) compounds of the formula (V)



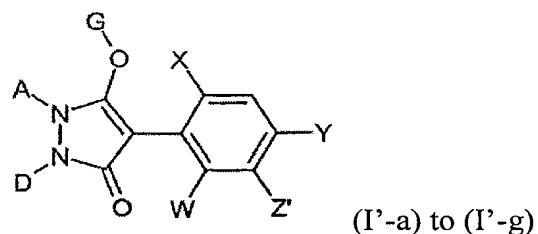
in which

A, D, W, X, Y and Z are as defined above and

R⁸ is C₁-C₈-alkyl,

are reacted, if appropriate in the presence of a diluent and if appropriate in the presence of a base,

compounds of the formulae (I-a) to (I-g) shown above in which A, D, G, W, X, Y and Z are as defined above, compounds of the formulae (I'-a) to (I'-g)

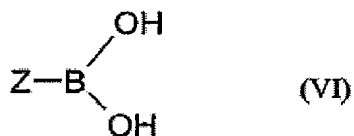


in which

A, D, G, W, X and Y are as defined above and

Z' is chlorine, bromine, iodine,

are reacted with boronic acids of the formula (VI)



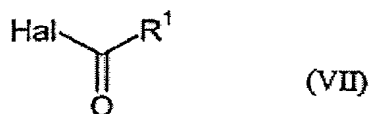
in which

Z is as defined above

in the presence of a solvent, a base and a catalyst, suitable catalysts being, in particular, palladium complexes,

(C) compounds of the formula (I-b) shown above in which A, D, R¹, W, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, D, W, X, Y and Z are as defined above are reacted

(α) with acid halides of the formula (VII)



in which

R¹ is as defined above and

Hal is halogen

or

(β) with carboxylic anhydrides of the formula (VIII)



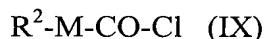
in which

R¹ is as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,

(D) compounds of the formula (I-c) shown above in which A, D, R², M, W, X, Y and Z are as defined above and L is oxygen, compounds of the formula (I-a) shown above in which A, D, W, X, Y and Z are as defined above case reacted

with chloroformic esters or chloroformic thioesters of the formula (IX)



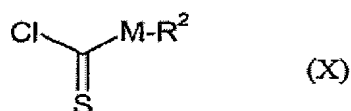
in which

R² and M are as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder;

(E) compounds of the formula (I-c) shown above in which A, D, R², M, W, X, Y and Z are as defined above and L is sulphur, compounds of the formula (I-a) shown above in which A, D, W, X, Y and Z are as defined above are reacted

with chloromonothioformic esters or chlorodithioformic esters of the formula (X)



in which

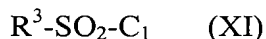
M and R² are as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder

and

(F) compounds of the formula (I-d) shown above in which A, D, R³, W, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, D, W, X, Y and Z are as defined above are reacted with

sulphonyl chlorides of the formula (XI)



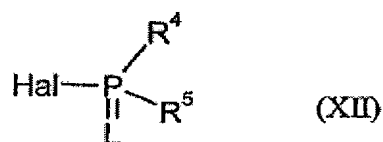
in which

R^3 is as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,

(G) compounds of the formula (I-e) shown above in which A, D, L, R^4 , R^5 , W, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, D, W, X, Y and Z are as defined above are reacted

with phosphorus compounds of the formula (XII)



in which

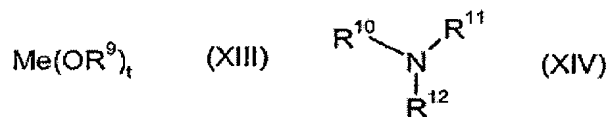
L, R^4 and R^5 are as defined above and

Hal is halogen;

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder,

compounds of the formula (I-f) shown above in which A, D, E, W, X, Y and Z are as defined above, compounds of the formula (I-a) in which A, D, W, X, Y and Z are as defined above are reacted

with metal compounds or amines of the formulae (XIII) or (XIV), respectively



in which

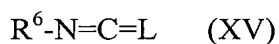
Me is a mono- or divalent metal;

t is the number 1 or 2; and

R^4 , R^{10} , R^{11} , R^{12} independently of one another represent hydrogen or alkyl, if appropriate in the presence of a diluent;

compounds of the formula (I-g) shown above in which A, D, L, R^6 , R^7 , W, X, Y and Z are as defined above, compounds of the formula (I-a) shown above in which A, D, W, X, Y and Z are as defined above are reacted

(α) with isocyanates or isothiocyanates of the formula (XV)

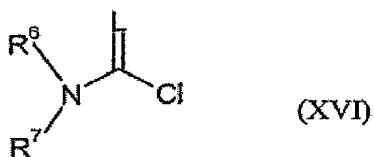


in which

R^6 and L are as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of a catalyst, or

(β) with carbamoyl chlorides or thiocarbamoyl chlorides of the formula (XVI)

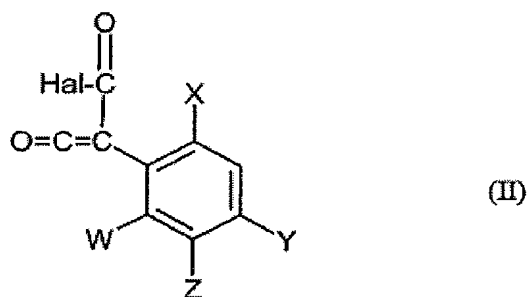


in which

L, R^6 and R^7 are as defined above,

if appropriate in the presence of a diluent and if appropriate in the presence of an acid binder.

7. (Previously Presented) Compounds of the formula (II)

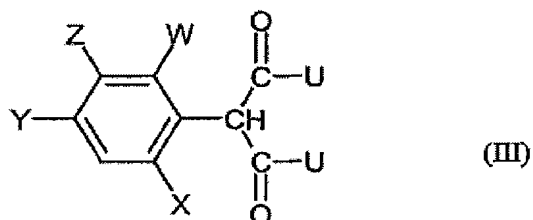


in which

W, X, Y and Z are as defined above and

Hal is halogen.

8. (Previously Presented) Compounds of the formula (III)

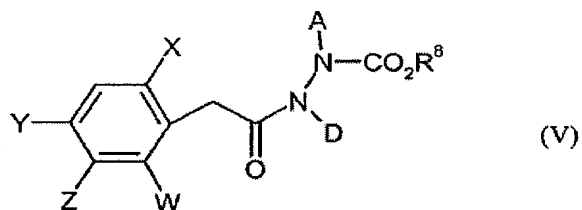


in which

W, X, Y and Z are as defined above and

U is NH₂ or C₁-C₈-alkoxy.

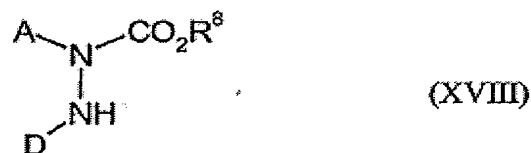
9. (Original) Compounds of the formula (V)



in which

A, D, W, X, Y, Z and R⁸ are as defined above.

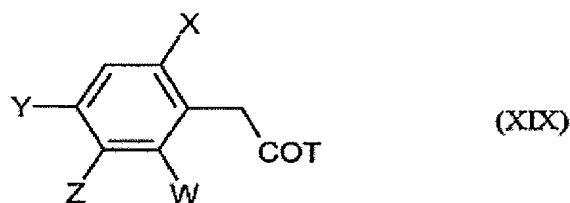
10. (Original) Compounds of the formula (XVIII)



in which

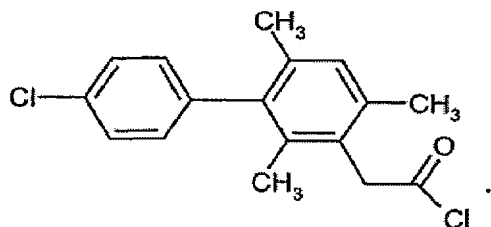
A, R⁸ and D are as defined above.

11. (Original) Compounds of the formula (XIX)

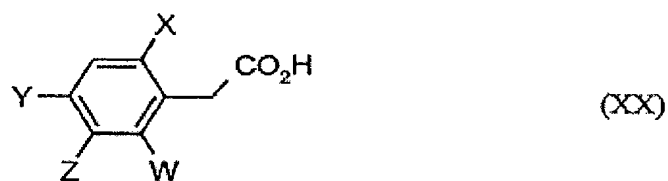


in which

W, X, Y, Z and T are as defined above, except for the compound

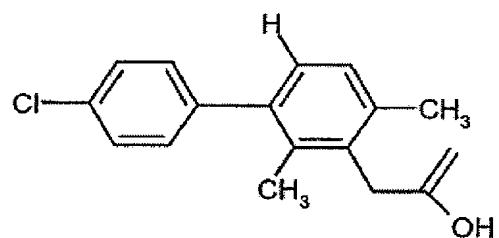
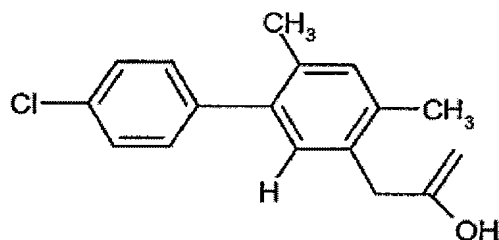


12. (Original) Compounds of the formula (XX)

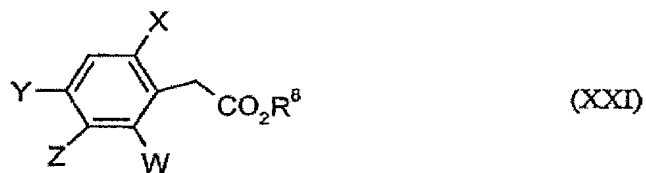


in which

W, X, Y, Z and T are as defined above, except for the compounds

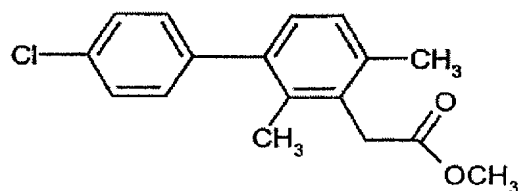
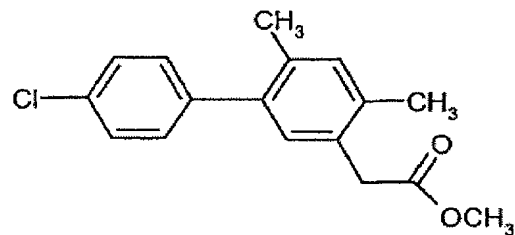


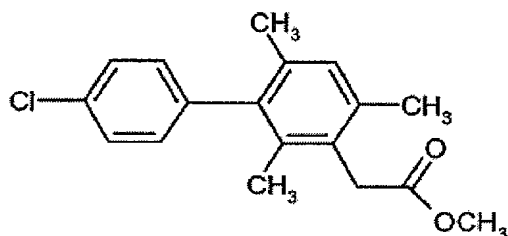
13. (Original) Compounds of the formula (XXI)



in which

W, X, Y, Z and R^8 are as defined above, except for the compounds





14. (Currently Amended) Compositions for controlling pests, ~~unwanted vegetation and/or unwanted microorganisms~~, comprising at least one compound of the formula (I) according to Claim 1.

15. (Withdrawn) Method for controlling animal pests, unwanted vegetation and/or unwanted microorganisms, characterized in that compounds of the formula (I) according to Claim 1 are allowed to act on pests, unwanted vegetation, unwanted microorganisms and/or their habitat.

16. (Withdrawn) Use of compounds of the formula (I) according to Claim 1 for controlling animal pests, unwanted vegetation and/or unwanted microorganisms.

17. (Withdrawn) Process for preparing compositions for controlling pests, unwanted vegetation and/or unwanted microorganisms, characterized in that compounds of the formula (I) according to Claim 1 are mixed with extenders and/or surfactants.

18. (Withdrawn) Use of compounds of the formula (I) according to Claim 1 for preparing compositions for controlling pests, unwanted vegetation and/or unwanted microorganisms.

19. (Previously Presented) Compositions, comprising an effective amount of an active compound combination comprising, as components,

(a') at least one compound of the formula (I) in which A, D, G, W, X, Y and Z are as defined above

and

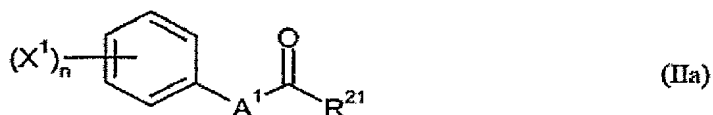
(b') at least one crop plant compatibility-improving compound selected from the group consisting of:

4-dichloroacetyl-1-oxa-4-azaspiro[4.5]decane (AD-67, MON-4660), 1-dichloroacetylhexa hydro-3,3,8a-trimethylpyrrolo[1,2-a]pyrimidin-6(2H)-one (dicyclonon, BAS-145138), 4-dichloroacetyl-3,4-dihydro-3-methyl-2H-1,4-benzoxazine (benoxacor), 1-methylhexyl 5-chloroquinoline-8-oxyacetate (cloquintocet-mexyl), 3-(2-chlorobenzyl)-1-(1-methyl-1-phenylethyl)urea (cumyluron), α -(cyanomethoximino)phenylacetoneitrile (cyometrinil), 2,4-dichlorophenoxyacetic acid (2,4-D), 4-(2,4-dichlorophenoxy)butyric acid (2,4-DB), 1-(1-methyl-1-phenylethyl)-3-(4-methylphenyl)urea (daimuron, dymron), 3,6-dichloro-2-methoxybenzoic acid (dicamba), S-1-methyl 1-phenylethyl piperidine-1-thiocarboxylate (dimepiperate), 2,2-dichloro-N-(2-oxo-2-(2-propenylamino)ethyl)-N-(2-propenyl)-acetamide (DKA-24), 2,2-dichloro-N,N-di-2-propenylacetamide (dichlormid), 4,6-dichloro-2-phenylpyrimidine (fencloirim), ethyl 1-(2,4-dichlorophenyl)-5-trichloromethyl-1H-1,2,4-triazole-3-carboxylate (fenchlorazole-ethyl), phenylmethyl 2-chloro-4-trifluoromethylthiazole-5-carboxylate (flurazole), 4-chloro-N-(1,3-dioxolan-2-yl-methoxy)- α -trifluoroacetophenone oxime (fluxofenim), 3-dichloroacetyl-5-(2-furanyl)-2,2-dimethyloxazolidine (furilazole, MON-13900), ethyl 4,5-dihydro-5,5-diphenyl-3-isoxazolecarboxylate 5 (isoxadifen-ethyl), 1-(ethoxycarbonyl)-ethyl 3,6-dichloro-2-methoxybenzoate (lactidichlor), (4-chloro-o-tolyloxy)acetic acid (MCPA), 2-(4-chloro-o-tolyloxy)propionic acid (mecoprop), diethyl

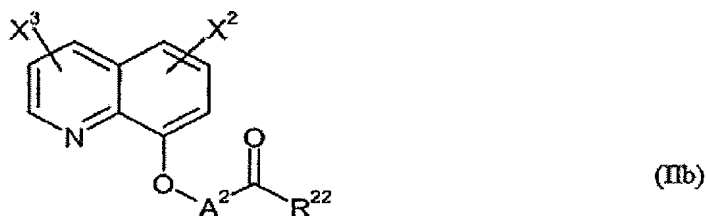
1-(2,4-dichlorophenyl)-4,5-dihydro-5-methyl-1H-pyrazole-3,5-dicarboxylate (mefenpyr-diethyl), 2-dichloromethyl-2-methyl-1,3-dioxolane (MG-191), 2-propenyl-1-oxa-4-azaspiro[4.5]decane-4-carbodithioate (MG-838), 1,8-naphthalic anhydride, a-(1,3-dioxolan-2-ylmethoximino)phenylacetonitrile (oxabetrinil), 2,2-dichloro-N-(1,3-dioxolan-2-yl-methyl)-N-(2-propenyl)acetamide (PPG-1292), 3-dichloroacetyl-2,2-dimethyloxazolidine (R-28725), 3-dichloroacetyl 2,2,5-trimethyloxazolidine (R-29148), 4-(4-chloro-o-tolyl)butyric acid, 4-(4-chlorophenoxy)butyric acid, diphenylmethoxyacetic acid, methyl diphenylmethoxyacetate, ethyl diphenylmethoxyacetate, methyl 1-(2-chlorophenyl)-5-phenyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-methyl-1H-pyrazol-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-isopropyl-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-(1,1-dimethylethyl)-1H-pyrazole-3-carboxylate, ethyl 1-(2,4-dichlorophenyl)-5-phenyl 1H-pyrazole-3-carboxylate, ethyl 5-(2,4-dichlorobenzyl)-2-isoxazoline-3-carboxylate, ethyl 5-phenyl 2-isoxazoline-3-carboxylate, ethyl 5-(4-fluorophenyl)-5-phenyl-2-isoxazoline 3-carboxylate, 1,3-dimethylbut-1-yl 5-chloroquinoline-8-oxyacetate, 4-allyloxybutyl 5-chloroquinoline-8-oxyacetate, 1-allyloxyprop-2-yl 5-chloroquinoline-8-oxyacetate, methyl 5-chloroquinoxaline-8-oxyacetate, ethyl 5-chloroquinoline-8-oxyacetate, allyl 5-chloroquinoxaline-8-oxyacetate, 2-oxoprop-1-yl 5-chloroquinoline-8-oxyacetate, diethyl 5-chloroquinoline-8-oxymalonate, diallyl 5-chloroquinoxaline-8-oxymalonate, diethyl 5-chloroquinoline-8-oxymalonate, 4-carboxychroman-4-ylacetic acid (AC-304415, cf. EP-A-613618), 4-chlorophenoxyacetic acid, 3,3'-dimethyl-4-methoxybenzophenone, 1-bromo-4-chloromethylsulphonylbenzene, 1-[4-(N-2-methoxybenzoylsulphamoyl)phenyl]-3-methylurea (also known as N-(2-methoxybenzoyl)-4-[(methylaminocarbonyl)amino]benzenesulphonamide), 1-[4-(N-2-

methoxybenzoylsulphamoyl)phenyl]-3,3-dimethylurea, 1-[4-(N-4,5-
 dimethylbenzoylsulphamoyl)phenyl]-3-methylurea, 1-[4-(N-
 naphthylsulphamoyl)phenyl]-3,3-dimethylurea, N-(2-methoxy-5-methylbenzoyl) 4-
 (cyclopropylaminocarbonyl)benzenesulphonamide;

and/or one of the following compounds, defined by general formulae,
 of the general formula (IIa)



or of the general formula (IIb)



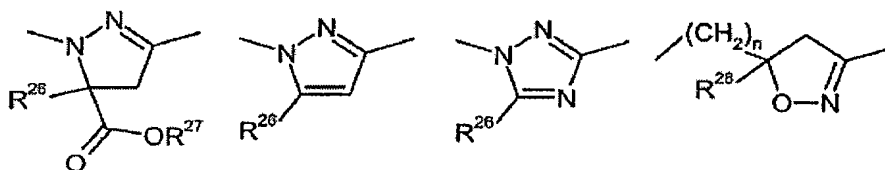
or of the formula (IIc)



where

n is a number between 0 and 5;

A¹ is one of the divalent heterocyclic groupings shown below



n is a number between 0 and 5;

A² is optionally C₁-C₄-alkyl- and/or C₁-C₄-alkoxy-carbonyl-substituted alkanediyl having 1 or 2 carbon atoms;

R²¹ is hydroxyl, mercapto, amino, C₁-C₆-alkoxy, C₁-₆-alkylthio, C₁-₆-alkylamino or di-(C₁-C₄-alkyl)-amino;

R²² is hydroxyl, mercapto, amino, C₁-C₆-alkoxy, C₁-C₈-alkenyloxy, C₁-C₆-alkylthio, C₁-C₆-alkylamino or di-(C₁-C₄-alkyl)-amino;

R²³ is optionally fluorine-, chlorine- and/or bromine-substituted C₁-C₄-alkyl;

R²⁴ is hydrogen, optionally fluorine-, chlorine- and/or bromine-substituted C₁-C₆-alkyl, C₂-C₆-alkenyl or C₂-C₆-alkynyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, dioxolanyl-C₁-C₄-alkyl, furyl-, furyl-C₁-C₄-alkyl, thienyl, thiazolyl, piperidinyl, or optionally fluorine-, chlorine- and/or bromine- or C₁-C₄-alkyl-substituted phenyl;

R²⁵ is hydrogen, optionally fluorine-, chlorine- and/or bromine-substituted C₁-C₆-alkyl, C₂-C₆-alkenyl or C₂-C₆-alkynyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, dioxolanyl-C₁-C₄-alkyl, furyl, furyl-C₁-C₄-alkyl, thienyl, thiazolyl, piperidinyl, or optionally fluorine-, chlorine- and/or bromine- or C₁-C₄-alkyl-substituted phenyl, or together with R²⁴ is C₃-C₆-alkanediyl or C₂-C₅-oxaalkanediyl, each of which is optionally substituted by C₁-C₄-alkyl, phenyl, furyl, a fused benzene ring or by two substituents which, together with the C atom to which they are attached, form a 5- or 6-membered carbocycle;

R²⁶ is hydrogen, cyano, halogen, or represents in each case optionally fluorine-, chlorine- and/or bromine-substituted C₁-C₄-alkyl, C₃-C₆-cycloalkyl or phenyl;

R²⁷ is hydrogen, optionally hydroxyl-, cyano-, halogen- or C₁-C₄-alkoxy-substituted C₁-C₆-alkyl, C₃-C₆-cycloalkyl or tri-(C₁-C₄-alkyl)-silyl;

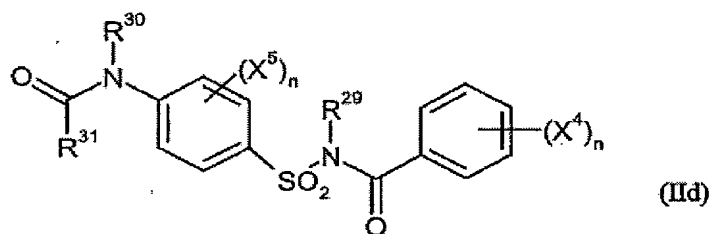
R²⁸ is hydrogen, cyano, halogen, or is optionally fluorine-, chlorine- and/or bromine-substituted C₁-C₄-alkyl, C₃-C₆-cycloalkyl or phenyl;

X¹ is nitro, cyano, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy or C₁-C₄-haloalkoxy;

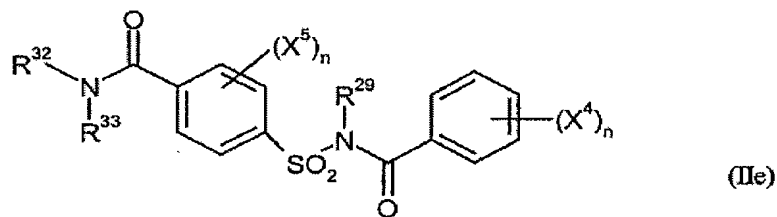
X² is hydrogen, cyano, nitro, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy or C₁-C₄-haloalkoxy;

X³ is hydrogen, cyano, nitro, halogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy or C₁-C₄-haloalkoxy;

and/or the following compounds, defined by general formulae,
of the general formula (II_d)



or the general formula (II_e)



where

n is a number between 0 and 5;

R²⁹ is hydrogen or C₁-C₄-alkyl;

R³⁰ is hydrogen or C₁-C₄-alkyl;

R³¹ is hydrogen, in each case optionally cyano-, halogen- or C₁-C₄-alkoxysubstituted C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylamino or di-(C₁-C₄-alkyl)-amino, or is optionally cyano-, halogen- or C₁-C₄-alkylsubstituted C₃-C₆-cycloalkyl, C₃-C₆-cycloalkyloxy, C₃-C₆-cycloalkylthio or C₃-C₆-cycloalkylamino;

R^{32} is hydrogen, optionally cyano-, hydroxyl-, halogen- or C_1 - C_4 -alkoxysubstituted C_1 - C_6 -alkyl, optionally cyano-, or halogen-substituted C_3 - C_6 -alkenyl or C_3 - C_6 -alkynyl, or optionally cyano-, halogen- or C_1 - C_4 -alkyl-substituted C_3 - C_6 -cycloalkyl;

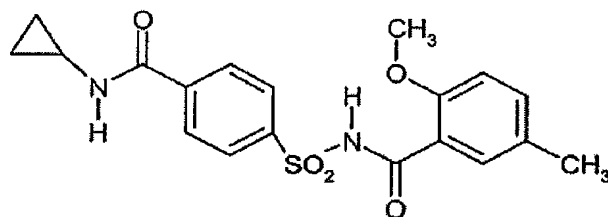
R^{33} is hydrogen, optionally cyano-, hydroxyl-, halogen- or C_1 - C_4 -alkoxy substituted C_1 - C_6 -alkyl, optionally cyano- or halogen-substituted C_3 - C_6 -alkenyl or C_3 - C_6 -alkynyl, optionally cyano-, halogen- or C_1 - C_4 -alkyl-substituted C_3 - C_6 -cycloalkyl, or optionally nitro-, cyano-, halogen-, C_1 - C_4 -alkyl-, C_1 - C_4 -haloalkyl, C_1 - C_4 -alkoxy- or C_1 - C_4 -haloalkoxy-substituted phenyl, or together with R^{32} is optionally C_1 - C_4 -alkyl-substituted C_2 - C_6 -alkanediyl or C_2 - C_5 -oxaalkanediyl;

X^4 is nitro, cyano, carboxyl, carbamoyl, formyl, sulphamoyl, hydroxyl, amino, halogen, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -alkoxy or C_1 - C_4 -haloalkoxy; and

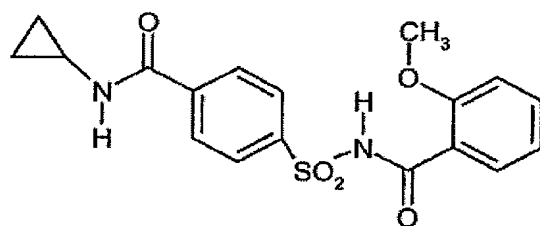
X^5 is nitro, cyano, carboxyl, carbamoyl, formyl, sulphamoyl, hydroxyl, amino, halogen, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -alkoxy or C_1 - C_4 -haloalkoxy.

20. (Previously Presented) Compositions according to Claim 19, where the crop plant compatibility-improving compound is selected from the group consisting of:

cloquintocet-mexyl, fenchlorazole-ethyl, isoxadifen-ethyl, mefenpyr-diethyl, furilazole, fenclorim, cumyluron, dymron or the compounds



and



21. (Original) Compositions according to Claim 19 or 20 where the crop plant compatibility-improving compound is cloquintocet-mexyl or mefenpyr-diethyl.

22. (Withdrawn) Method for controlling unwanted vegetation, characterized in that a composition according to Claim 19 is allowed to react on the plants or their habitat.

23. (Withdrawn) Use of a composition according to Claim 19 for controlling unwanted vegetation.

24. (Withdrawn) Method for controlling unwanted vegetation, characterized in that a compound of the formula (I) according to Claim 1 and the crop plant compatibility-improving compound as set forth in Claim 19 are allowed to act on the plants or their habitat separately, one soon after the other.